

1 AN ACT concerning transportation.

2 **Be it enacted by the People of the State of Illinois,**  
3 **represented in the General Assembly:**

4 Section 5. The Department of Transportation Law of the  
5 Civil Administrative Code of Illinois is amended by adding  
6 Section 2705-590 as follows:

7 (20 ILCS 2705/2705-590 new)

8 Sec. 2705-590. Roadbuilding criteria; life-cycle cost  
9 analysis.

10 (a) As used in this Section, "life-cycle cost" means the  
11 total of the cost of the initial project plus all anticipated  
12 future costs over the life of the pavement. Actual, relevant  
13 data, and not assumptions or estimates, shall be used to the  
14 extent such data has been collected.

15 (b) The Department shall develop and implement a life-cycle  
16 cost analysis for each State road project under its  
17 jurisdiction for which the total pavement costs exceed \$500,000  
18 funded in whole, or in part, with State or State-appropriated  
19 funds. The Department shall design and award these paving  
20 projects utilizing material having the lowest life-cycle cost.  
21 All pavement design life shall ensure that State and  
22 State-appropriated funds are utilized as efficiently as  
23 possible. When alternative material options are substantially

1 equivalent on a life-cycle cost basis, the Department may make  
2 a decision based on other criteria. At the discretion of the  
3 Department, interstate highways with high traffic volumes or  
4 experimental projects may be exempt from this requirement.

5 (c) Except as otherwise provided in this Section, a  
6 life-cycle cost analysis shall compare equivalent designs  
7 based upon this State's actual historic project schedules and  
8 costs as recorded by the pavement management system, and may  
9 include estimates of user costs throughout the entire pavement  
10 life.

11 (d) For pavement projects for which this State has no  
12 actual historic project schedules and costs as recorded by the  
13 pavement management system, the Department may use actual  
14 historical and comparable data for equivalent designs from  
15 states with similar climates, soil structures, or vehicle  
16 traffic.

17 Section 99. Effective date. This Act takes effect upon  
18 becoming law.